

Abstract

A traversing circular saw device having a saw blade assembly mounted onto a cradle which can receive a number of logs to be cut into sections. The saw blade assembly includes a circular saw blade mounted onto an extension arm which is contained within an arm sleeve. The width of the cradle is greater than the diameter of the saw blade. The saw blade is extended across the cradle by a piston. One embodiment of the invention includes a charge accumulator for the hydraulic system which can time-delay engagement of the extension means. The system can also include a flow control valve for varying the time delay of the charge accumulator.

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100